

CONTENTS

Preface	v
A. BASIC DIAGNOSTIC PRINCIPLES	1
1 Approach to the Patient With a Movement Disorder: <i>Basic Principles of Neurologic Diagnosis</i>	3
<i>J. Eric Ahlskog, PhD, MD</i>	
2 Motor Speech Disorders: Clues to Neurologic Diagnosis	35
<i>Joseph R. Duffy, PhD</i>	
B. PARKINSON'S DISEASE	55
3 What Is Parkinson's Disease? Neuropathology, Neurochemistry, <i>and Pathophysiology</i>	57
<i>Howard Hurtig, MD</i>	
4 Clinical Features of Parkinson's Disease	71
<i>Richard B. Dewey, Jr., MD</i>	
5 Epidemiology and Genetics of Parkinson's Disease	85
<i>Demetrius M. (Jim) Maraganore, MD</i>	
6 Parkinson's Disease: Etiologic Considerations	91
<i>Peter A. LeWitt, MD</i>	
7 Medication Strategies for Slowing the Progression <i>of Parkinson's Disease</i>	101
<i>J. Eric Ahlskog, PhD, MD</i>	
8 Initial Symptomatic Treatment of Parkinson's Disease	115
<i>J. Eric Ahlskog, PhD, MD</i>	
9 Advancing Parkinson's Disease and Treatment <i>of Motor Complications</i>	129
<i>Ryan J. Uitti, MD</i>	
10 Sleep and Parkinson's Disease	151
<i>Cynthia L. Comella, MD, ABSM</i>	
11 Autonomic Complications of Parkinson's Disease	161
<i>Bradley C. Hiner, MD</i>	
12 Treatment of Cognitive Disorders and Depression <i>Associated With Parkinson's Disease</i>	175
<i>Erwin B. Montgomery, Jr., MD</i>	
13 Surgical Treatment of Parkinson's Disease	185
<i>Kathleen M. Shannon, MD</i>	

14	Adjunctive Therapies in Parkinson's Disease: <i>Diet, Physical Therapy, and Networking</i>	197
	<i>Padraig E. O'Suilleabhain, MB, and Susan M. Murphy, MD</i>	
C.	PARKINSONISM BUT NOT PARKINSON'S DISEASE (OTHER AKINETIC-RIGID SYNDROMES)	209
	Introduction	209
15	Secondary Causes of Parkinsonism	211
	<i>Eric S. Molho, MD, and Stewart A. Factor, DO</i>	
16	Progressive Supranuclear Palsy	229
	<i>Mark Stacy, MD</i>	
17	Multiple System Atrophy	235
	<i>James H. Bower, MD</i>	
18	Familial Adult-Onset Spinocerebellar Degenerations	243
	<i>James H. Bower, MD</i>	
19	Corticobasal Degeneration	253
	<i>Bradley F. Boeve, MD</i>	
20	Parkinsonism in Primary Degenerative Dementia	263
	<i>Richard J. Caselli, MD</i>	
D.	MOVEMENT DISORDERS CHARACTERIZED BY EXCESSIVE MOVEMENT (HYPERKINETIC)	271
	Introduction	271
21	Tremor Disorders: Overview	273
	<i>Joseph Y. Matsumoto, MD</i>	
22	Essential Tremor: Diagnosis and Treatment	283
	<i>Jean Pinter Hubble, MD</i>	
23	Dystonia	297
	<i>Daniel Tarsy, MD</i>	
24	Hemifacial Spasm	313
	<i>Mark F. Lew, MD</i>	
25	Huntington's Disease and Other Chorea	321
	<i>John N. Caviness, MD</i>	
26	Tardive Dyskinesias	331
	<i>Kapil D. Sethi, MD, FRCP</i>	
27	Myoclonus	339
	<i>John N. Caviness, MD</i>	
28	Spasms and Stiff-man Syndrome	351
	<i>C. Michel Harper, Jr., MD</i>	

29	Gilles de la Tourette's Syndrome and Tic Disorders	365
	<i>Kathleen A. Kujava, MD, PhD, and Christopher G. Goetz, MD</i>	
30	Restless Legs Syndrome	373
	<i>Virgilio Gerald H. Evidente, MD, and Charles H. Adler, MD, PhD</i>	
31	Botulinum Toxin Treatment of Movement Disorders	385
	<i>Charles H. Adler, MD, PhD</i>	
E. OTHER MOVEMENT DISORDERS		395
32	Wilson's Disease	397
	<i>Katrina A. Gwinn-Hardy, MD</i>	
33	Gait Disorders: <i>Recognition of Classic Types</i>	411
	<i>Frank A. Rubino, MD</i>	
34	Post-traumatic Movement Disorders	427
	<i>Sotirios A. Parashos, MD, PhD</i>	
35	Psychogenic Movement Disorders: <i>Theoretical and Clinical</i> <i>Considerations</i>	435
	<i>David S. Glosser, ScD, and Matthew B. Stern, MD</i>	
Appendix		453
Index		459